George Mihai Nițulescu

europass

https://www.researchgate.net/profile/George_Mihai_Nitulescu
ORCID: 0000-0002-2978-8052
Web of Science ResearcherID: C-1021-2011 Scopus ID: 16310106800

EDUCATION AND TRAINING

Habilitation Thesis: *"Pyrazole Derivatives with Potential Therapeutic Applications"*
"Carol Davila" University of Medicine and Pharmacy, Bucharest (2017)
Order of the Ministry of National Education No. 5167 / 28.09.2017

PhD Thesis: *"Synthesis of Pyrazole Derivatives with Potential Biological Activity"*
"Carol Davila" University of Medicine and Pharmacy, Bucharest (2011)
Order of the Ministry of Education, Research and Youth No. 6468 / 07.12.2011

Primary Pharmacist (2011)
Specialization: Pharmaceutical Industry and Cosmetology
Ministry of Health and Family, Directorate-General for Human Resources, Professional Training, Competitions and Examinations, Bucharest (Romania)

Specialist Pharmacist (2006)
Specialization: Pharmaceutical Industry and Cosmetology
Ministry of Health and Family, Directorate-General for Human Resources, Professional Training, Competitions and Examinations, Bucharest (Romania)

Bachelor's Degree in Pharmacy (2002)
Faculty of Pharmacy, "Carol Davila" University of Medicine and Pharmacy, Bucharest

PROFESSIONAL EXPERIENCE

10/2025–Present	**EUROPEAN PHARMACOPOEIA EXPERT - EDQM, Council of Europe**
	European Directorate for the Quality of Medicines & HealthCare (EDQM), Strasbourg, France Member of European Pharmacopoeia Group of Experts No. 10D (Organic Chemistry - Synthetic and Semi-Synthetic Substances). Contributing scientific expertise to the elaboration and revision of European Pharmacopoeia monographs and analytical standards.
26/02/2018–Present	**PROFESSOR -** Pharmaceutical Chemistry Department
	"Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania) Teaching activities (preparing and delivering lectures, supervising practical work in Pharmaceutical Chemistry) for 3rd-, 4th-, and 5th-year students of the Faculty of Pharmacy Teaching activities for Pharmacy Residency students (General Pharmacy) Supervision of diploma theses and student scientific research projects Research activity in the field of pharmaceutical sciences PhD supervisor
01/10/2015–30/09/2017	**RESEARCH PROJECT MANAGER**
	"Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania) Project: PN-II-RU-TE-2014-4-1670, Contract No. 342/2015 Title: "Sortase A inhibitors – New therapeutic solutions for treating infections caused by multidrug-resistant Gram-positive cocci" Funding Source: UEFISCDI (Executive Unit for Financing Higher Education, Research, Development and Innovation) | Budget: 517000 RON
01/10/2013–25/02/2018	**ASSOCIATE PROFESSOR -** Pharmaceutical Chemistry Department
	"Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania)

	Preparing and teaching courses, supervising laboratory work in Pharmaceutical Chemistry Supervising diploma theses and student research projects Research activity in pharmaceutical sciences
21/11/2011–20/11/2014	**RESEARCH PROJECT MANAGER**
	"Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania) Project PN-II-RU-TE-2011-3-0228 (2010–2014): Title: "Synthesis and Antitumor Evaluation of New Pyrazole Compounds" Funding Source: UEFISCDI (Executive Unit for Financing Higher Education, Research, Development and Innovation) | Budget: 700000 RON
01/03/2008–01/10/2013	**SENIOR LECTURER -** Pharmaceutical Chemistry Department
	"Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania) Teaching and research in Pharmaceutical Chemistry; supervision of diploma and student scientific papers. Supervision of practical work in Pharmaceutical Chemistry (3rd–4th year students) laboratory
01/10/2005–28/02/2008	**ASSISTANT LECTURER -** Pharmaceutical Chemistry Department
	"Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania) Supervision of practical work in Pharmaceutical Chemistry (3rd–4th year students) laboratory, guidance for diploma theses, and research activities.
01/03/2003–30/09/2005	**TEACHING ASSISTANT -** Pharmaceutical Chemistry Department
	"Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania) Supervision of practical classes and research in Pharmaceutical Chemistry (3rd–4th year students) laboratory
01/01/2003–28/02/2003	**RESIDENT PHARMACIST**
	Bucharest University Emergency Hospital

RESEARCH CONTRACTS

Member and/or Principal Investigator in **28 competitively awarded research contracts.**

Principal Investigator:

- 2 national research projects: PN-II-RU-TE-2014-4-1670 (2015–2017), PN-II-RU-TE-2011-3-0228 (2010–2014)
- 1 postdoctoral fellowship contract (CERO Program, 2014–2015)

Researcher in international projects: 9 contracts (Romania-Turkey no. 7BMTR/01.04.2025; 46 M/2016, *2016-2017*; 8 BM/2016, *2016-2017*; 15 BM/2016, *2016-2017*; ANCS 541/2011, *2012-2014*; ANCS - Romania and Slovakia, *2011-2013*; ANCS 378, *2010-2011*; ANCS 419, *2010-2012*; ANCS 74/2008, *2008-2009*).

Researcher in national projects: 17 contracts (PN-IV-P2-2.1-TE-2023-1680-70TE/03.01.2025, PD-179/2020, *2020-2022*; PN-III-P2-2.1-PED2019-5143, *2020-2022*, PN-II-PT-PCCA-2013-4-1953, *2014-2016*, PN-II-PT-PCCA-2013-4-0953, *2014-2016*; PN-II-PT-PCCA-2013-4-1572, *2014-2016*; PNII-PCCA-2, 136/2012, *2012-2015*; CNMP 61-046, *2007-2010*; CNMP 41-043, *2007-2010*; CNMP 41-055, *2007-2010*; CNMP No. 42-095, *2008-2010*; CNMP No. 61-037, 2007-2010; Biotech No. 55/2006, *2006-2008*; CEEX 15/2006, *2006-2008*; CEEX 85/2006, *2006-2008*; CEEX 169/2006, *2006-2008*; VIASAN 351/2006, *2004-2006*).

TEACHING ACTIVITY

- guidance for students through identification, purity testing, and assay determination of active pharmaceutical ingredients (APIs) using Ph. Eur. Standards
- guidance of students in synthesis and purification of simple drug substances
- supervisor of **35** undergraduate theses in medicinal or pharmaceutical chemistry

- PhD supervisor for 3 completed and 4 ongoing doctoral theses
- examiner for 3 PhD theses (national and international)
- examiner for 2 international master's thesis

Grant Evaluator:

- ***international***: EIC Pathfinder Open 2025, National Science Centre, Poland (Preludium 2025, Opus 2025, Sonata 2023), Latvian Council of Science (2026)
- ***national*** - UEFISCDI: Bridge Grants (2016); Innovation Cheques (2017–2018); Technology Transfer / PTE-2019 (2019–2020); Research Solutions (2020); PTE-2023 (reviewed 2024); UNITE - European Digital Health Valleys, Agile Piloting (2026).

PUBLICATIONS

main research areas: Research focused on the design, synthesis and biological evaluation of small molecules, particularly for anticancer applications, together with computational approaches such as QSAR, molecular docking, virtual screening, ADME prediction and drug repurposing.

- **139 ISI-indexed articles** (39 in Q1 journals, 35 in Q2 journals) – primary author for 66 ISI papers (48.9%)
- **H-index: 26** (Web of Science, 3037 citations)**, 29** (Scopus, 3735 citations), **32** (Google Scholar, 4715 citations)
- **8** granted national patents**, 3** patent applications under review
- **7** books (author or co-author)
- **7** international book chapters
- **27** BDI-indexed papers
- **180** scientific presentations at national and international conferences

EDITORIAL ACTIVITY

- **Reviewer** for 119 ISI/BDI journals (612 manuscripts reviewed since 2016)
- **Editorial decisions**: 149 manuscript decisions handled across 8 scientific journals (2019-present)
- **Editorial Board Member (4 journals):** Experimental and Therapeutic Medicine; Pharmacy (MDPI, March 2021–present); Drugs and Drug Candidates (MDPI, August 2022–present); Journal of Modern Medicinal Chemistry.
- **Section Board Member:** Animals; Pharmaceuticals (MDPI, February 2024–present).
- **Topical Advisory Panel Member: International Journal of Molecular Sciences (MDPI, February 2024–present).**
- **Guest Editor** for 15 Special Issues**:** 4 - *Molecules*, 3 - *International Journal of Molecular Sciences (IJMS)*, 2 - *Pharmaceuticals*, 2 - *Pharmacy*, 2 - *Plants*, 1 - *Animals*, and 1 - *AI*

AWARDS

• Stanford–Elsevier Top 2% Scientists: Pharmacology & Pharmacy (2026, 2025, 2024, 2003); General Chemistry (2021).

• Biomolecules 2020 Outstanding Reviewer Award, Biomolecules Journal

• Publons Global Peer Review Awards (2019): Top Reviewer in Chemistry; Top Reviewer in Cross-Fields

• "Excellence in Pharmaceutical Research" Award, Pharmacists' Gala, 4th Edition, 2015 – awarded by the Romanian College of Pharmacists

28.10.2026

Prof. Dr. Niţulescu George Mihai

Anexe 01

List of WoS-indexed journal publications

1. Limban, C.; Missir, A.-V.; Chiriţă, I. C.; Niţulescu, G. M.; Drăghici, B. Synthesis and characterization of some new 2-methyl-O-acyl-oximino-dibenz [b,e] oxepins. Rev. Chim. 2007, 58, 224–228. IF: 0.261; Q4.
2. Balotescu, M. C.; Limban, C.; Missir, A. V.; Chirita, I. C.; Nitulescu, G. M. The synthesis and biological activities of some new 2-(4-methoxy- phenoxymethyl)benzoic acid thioureides. Rev. Chim. 2007, 58, 1064–1068. IF: 0.261; Q4.
3. Limban, C.; Missir, A.-V.; Chirita, I. C.; Nitulescu, G. M.; Ilie, C.; Caproju, M. T. The Synthesis and Characterization of some New Thioureides of 2-(4-Methyl-phenoxymethyl)benzoic Acid with Antimicrobial Activity. Rev. Chim. 2008, 59, 1245–1248. IF: 0.389; Q4.
4. Malanciuc, C.; Aramă, C.; Şaramet, I.; Monciu, C.-M.; Florea, M.; Nitulescu, G. M. Contributions to the analytical study of Midazolam. Farmacia 2009, 57, 24–34. IF: 0.144; Q4.
5. Müller, J.; Limban, C.; Stadelmann, B.; Missir, A. V.; Chirita, I. C.; Chifiriuc, M. C.; Nitulescu, G. M.; Hemphill, A. Thioureides of 2-(phenoxymethyl)benzoic acid 4-R substituted: A novel class of anti-parasitic compounds. Parasitol. Int. 2009, 58, 128–135. IF: 1.701; Q3.
6. Limban, C.; Missir, A.-V.; Chirita, I. C.; Nitulescu, G. M.; Draghici, C.; Caproiu, M. T.; Chifiriuc, M. C.; Dracea, O. N. New 2-(4-ethyl-phenoxymethyl)benzoic acid thioureides. Synthesis, spectral analyses and microbiological assays. Rev. Roum. Chim. 2009, 54, 637–642. IF: 0.263; Q4.
7. Limban, C.; Missir, A.-V.; Chirita, I. C.; Nitulescu, G. M.; Ilie, C.; Caproiu, M. T. Some new 2-(4-ethyl-phenoxymethyl)benzoic acid thioureides: Synthesis and spectral characterization. Rev. Chim. 2009, 60, 657–661. IF: 0.552; Q3.
8. Missir, A.-V.; Morusciag, L.; Nitulescu, G. M.; Ilie, C.; Caproiu, M. T. New Thioureides of the 2-Phenetylbenzoic Acid with Potential Antimicrobial Activity 2. Synthesis and Spectral Characterization of Some Derivatives. Rev. Chim. 2009, 60, 1288–1292. IF: 0.552; Q3.
9. Limban, C.; Missir, A.-V.; Chirita, I. C.; Caproiu, M. T.; Draghici, C.; Nitulescu, G. M. Novel Dibenz[b,e]Oxepins Derivatives. Rev. Chim. 2009, 60, 1313–1317. IF: 0.552; Q3.
10. Niţulescu, G. M.; Drăghici, C.; Chifiriuc, M.-C.; Missir, A.-V. Synthesis of isomeric N-(1-methyl-1H-pyrazole-4-carbonyl)-N'-(xylyl)- thiourea and their antimicrobial evaluation. Farmacia 2009, 57, 527–533. IF: 0.144; Q4.
11. Tarko, L.; Stecoza, C. E.; Nitulescu, G. M.; Corina, I.; Chifiriuc, M. C. QSARs on Antibacterial activity of some new not yet synthesized, substituted dihydrodibenzothiepins. Rev. Chim. 2010, 61, 3, 263–266. IF: 0.693; Q3.
12. Limban, C.; Missir, A.-V.; Chirita, I. C.; Nitulescu, G. M.; Draghici, C.; Caproiu, M. T. Heterocyclic [6.7.6] Compounds Synthesis using 2-(4-methylphenoxymethyl)benzoic Acid. Synthesis of 2-methyl-O-acyl-oximino-dibenz[b,e]oxepins. Rev. Chim. 2010, 61, 58–61. IF: 0.693; Q3.
13. Niţulescu, G. M.; Păunescu, H.; Drăghici, C.; Missir, A.-V.; Coman, O. A.; Fulga, I. Synthesis and pharmacological evaluation of some new pyrazole derivatives. Farmacia 2010, 58, 190–197. IF: 0.85; Q4.
14. Perianu, L.; Khafaf, B.; Nitulescu, G. M.; Iacob, D.; Iovu, M. Microwave - Assisted synthesis of 2-p-amino-salicyloxyacetanilides. Rev. Chim. 2010, 61, 562–564. IF: 0.693; Q3.
15. Limban, C.; Missir, A.-V.; Chirita, I. C.; Guta, R.; Nanau-Andreescu, D.; Nitulescu, G. M.; Draghici, C.; Caproiu, M. T.; Delcaru, C.; Chifiriuc, M. C. Synthesis, structural characterization and microbiological assays of some new 2-methoxy-O-acyl-oximino-dibenz[b,e]oxepins. Rev. Roum. Chim. 2010, 55, 313–319. IF: 0.311; Q4.
16. Morusciag, L.; Missir, A.; Nitulescu, G. M.; Chirita, I. C.; Caproiu, M. T.; Draghici, C. New Thioureides of the 2-phenetylbenzoic Acid with Potential Antimicrobial Activity. III. Rev. Chim. 2010, 61, 642–645. IF: 0.693; Q3.
17. Missir, A.-V.; Morusciag, L.; Nitulescu, G. M.; Chirita, I. C.; Caproiu, M. T. New Thioureides of 2-Phenetylbenzoic Acid with Potential Antimicrobial Activity. IV. Rev. Chim. 2010, 61, 1022–1027. IF: 0.693; Q3.
18. Nitulescu, G. M.; Draghici, C.; Missir, A. V Synthesis of new pyrazole derivatives and their anticancer evaluation. Eur. J. Med. Chem. 2010, 45, 4914–4919. IF: 3.193; Q1.
19. Morusciag, L.; Missir, A. V.; Nitulescu, G. M.; Chirita, I. C.; Caproiu, M. T.; Draghici, C.; Nanau-Andreescu, D. New thioureides of the 2-phenethylbenzoic acid with potential antimicrobial activity. V. Rev. Chim. 2011, 62, 51–55. IF: 0.599; Q3.
20. Limban, C.; Missir, A. V.; Chirita, I. C.; Nitulescu, G. M.; Caproiu, M. T.; Chifiriuc, M. C.; Israil, A. M. Synthesis and antimicrobial properties of new 2-((4-ethylphenoxy)methyl)benzoylthioureas. Chem. Pap. 2011, 65, 60–69. IF: 1.96; Q3.
21. Missir, A. V.; Morusciag, L.; Nitulescu, G. M.; Chirita, I. C.; Caproiu, M. T.; Draghici, C. New Thioureides of the 2-Phenethylbenzoic Acid with Potential Antimicrobial Activity. VI. Rev. Chim. 2011, 62, 365–370. IF: 0.599; Q3.
22. Limban, C.; Missir, A.-V.; Chirita, I. C.; Nitulescu, G. M.; Caproiu, M. T. Synthesis of new thiourea scaffold compounds. Rev. Chim. 2011, 62, 685–688. IF: 0.599; Q3.
23. Badea, M.; Olar, R.; Uivarosi, V.; Marinescu, D.; Aldea, V.; Barbuceanu, S. F.; Nitulescu, G. M. Thermal behavior of some vanadyl complexes with flavone derivatives as potential insulin-mimetic agents. J. Therm. Anal. Calorim. 2011, 105, 559–564. IF: 1.604; Q3.

24. Uivarosi, V.; Badea, M.; Olar, R.; Marinescu, D.; Nicolescu, T. O.; Nitulescu, G. M. Thermal degradation behavior of some ruthenium complexes with fluoroquinolone derivatives as potential antitumor agents. J. Therm. Anal. Calorim. 2011, 105, 645–650. IF: 1.604; Q3.
25. Budura, E. A.; Lupuleasa, D.; Aramă, C.; Niţulescu, M.; Balaci, T. Preparation and characterization of inclusion complexes formed between simvastatin and hydroxypropyl-β-cyclodextrin. Farmacia 2011, 59, 512–530. IF: 0.669; Q4.
26. Stecoza, C. E.; Rădulescu, F.-S.; Miron, D. S.; Niţulescu, G. M.; Ciolan, D.; Majekova, M. Integrating the values of molecular descriptors in the prediction of biopharmaceutical properties for new compounds with dibenzothiepine structure. Farmacia 2011, 59, 820–829. IF: 0.669; Q4.
27. Nitulescu, G. M.; Draghici, C.; Chifiriuc, M. C.; Marutescu, L.; Bleotu, C.; Missir, A. V Synthesis and antimicrobial screening of N-(1-methyl-1H-pyrazole-4-carbonyl)-thiourea derivatives. Med. Chem. Res. 2012, 21, 308–314. IF: 1.612; Q3.
28. Stecoza, C. E.; Ciolan, D.; Radulescu, F.-S.; Nitulescu, G. M.; Majekova, M.; Miron, D. S. Molecular determinants of solubility in biorelevant fluids for dibenzothiepine compounds, Farmacia 2013, 61, 20–27. IF: 1.251; Q3.
29. Moruşciag, L.; Drăghici, C.; Niţulescu, G. M. Synthesis of new unsymmetrical 1, 4- dihydropyridine derivatives as potential anticancer agents. Farmacia 2013, 61, 617–624. IF: 1.251; Q3.
30. Nitulescu, G. M.; Draghici, C.; Olaru, O. T. New potential antitumor pyrazole derivatives: Synthesis and cytotoxic evaluation. Int. J. Mol. Sci. 2013, 14, 21805–21818. IF: 2.339; Q2.
31. Nicolescu, F.; Ionescu, C.; Milu, G.; Niţulescu, M.; Gîrd, C. E.; Nicolescu, T. O. Extraction of hellebrigenin 3-acetate from Hellebori rhizomes (Helleborus niger L. ssp. Niger). Farmacia 2013, 62, 159–168. IF: 1.251; Q3.
32. Zalaru, C.; Dumitrascu, F.; Draghici, C.; Iovu, M.; Marinescu, M.; Tarcomnicu, I.; Nitulescu, G. M. Synthesis and biological screening of some novel 2-(1H-pyrazol-1-yl)-acetamides as lidocaine analogue. INDIAN J. Chem. Sect. B-ORGANIC Chem. Incl. Med. Chem. 2014, 53, 733–739. IF: 0.387; Q4.
33. Anuta, V.; Nitulescu, G. M.; Dinu-Pirvu, C. E.; Olaru, O. T. Biopharmaceutical profiling of new antitumor pyrazole derivatives, Molecules 2014, 19, 16381–16401. IF: 2.416; Q2.
34. Olaru, O. T.; Venables, L.; Van De Venter, M.; Nitulescu, G. M.; Margina, D.; Spandidos, D. A.; Tsatsakis, A. M. Anticancer potential of selected Fallopia Adans species. Oncol. Lett. 2015, 10, 1323–1332. IF: 1.482; Q4.
35. Sbora, R.; Budura, E. A.; Niţulescu, G. M.; Balaci, T.; Lupuleasa, D. Preparation and characterization of inclusion complexes formed by avobenzone with β-cyclodextrin, hydroxypropyl-β-cyclodextrin and hydroxypropyl-α-cyclodextrin. Farmacia 2015, 63, 548–555. IF: 1.162; Q4.
36. Cotelea, T.; Niţulescu, G. M.; Oleg, P.; Moruşciag, L. Physicochemical investigations on some 2-phenethylbenzoyl thiourea derivatives. Farmacia 2015, 63, 652–655. IF: 1.162; Q4.
37. Nitulescu, G. M.; Draghici, C.; Olaru, O. T.; Matei, L.; Ioana, A.; Dragu, L. D.; Bleotu, C. Synthesis and apoptotic activity of new pyrazole derivatives in cancer cell lines. Bioorg. Med. Chem. 2015, 23, 5799–5808. IF: 2.923; Q2.
38. Olaru, O. T.; Niţulescu, G. M.; Orţan, A.; Dinu-Pîrvu, C. E. Ethnomedicinal, phytochemical and pharmacological profile of anthriscus sylvestris as an alternative source for anticancer lignans. Molecules 2015, 20, 15003–15022. IF: 2.465; Q2.
39. Nitulescu, G. M.; Șoriga, Ș. G.; Socea, I. L.; Olaru, O. T.; Pleșu, V. Structure-activity Relationships and Chemoinformatic Analysis of the Anticancer Profile of an Aminopyrazole Derivative. Rev. Chim. 2016, 67, 162–165. IF: 1.232; Q3.
40. Nitulescu, G. M.; Margina, D.; Juzenas, P.; Peng, Q.; Olaru, O. T.; Saloustros, E.; Fenga, C.; Spandidos, D. A.; Libra, M.; Tsatsakis, A. M. Akt inhibitors in cancer treatment: The long journey from drug discovery to clinical use (Review). Int. J. Oncol. 2016, 48, 869–885. IF: 3.079; Q2.
41. Nitulescu, G. M.; Nedelcu, G.; Buzescu, A.; Olaru, O. T. Aminopyrazoles as privileged structures in anticancer drug design - an in silico study, Bulg. Chem. Commun. 2016, 48, 55–60. IF: 0.238; Q4.
42. Olaru, O. T.; Nitulescu, G. M.; Ortan, A.; Babeanu, N.; Popa, O.; Ionescu, D.; Dinu-Pîrvu, C. E. Polyphenolic content and toxicity assessment of Anthriscus sylvestris Hoffm. Rom. Biotechnol. Lett. 2016, 22(6), 12054–12061. IF: 0.396; Q4.
43. Olaru, O. T.; Niţulescu, G. M.; Miu, I.; Dănciulescu Miulescu, R.; Margină, D. Extracts of Cynanchum acutum with potential use in the treatment of diabetes mellitus. Polyphenolic and flavonoids content, 2st International Conference on Interdisciplinary Management of Diabetes Mellitus and its Complications (INTERDIAB) 2016, 329–338. IF: 0; N/A.
44. Dinu, M.; Olaru, O. T.; Dune, A.; Popescu, C.; Nitulescu, G. M.; Ancuceanu, R. V. The obtaining and characterization of a rich-phenolic extract from Amaranthus Hypochondriacus. Rev. Chim. 2016, 67, 880–883. IF: 1.232; Q3.
45. Rusu, A.; Hancu, G.; Tóth, G.; Vancea, S.; Toma, F.; Mare, A. D.; Man, A.; Niţulescu, G. M.; Uivarosi, V. New silver complexes with levofloxacin: Synthesis, characterization and microbiological studies. J. Mol. Struct. 2016, 1123, 384–393. IF: 1.753; Q3.
46. Nitulescu, G.; Zanfirescu, A.; Olaru, T. O.; Nicorescu, M. I.; Nitulescu, G. M.; Margina, D. Structural Analysis of Sortase A Inhibitors. Molecules 2016, 21, pii: E1591. IF: 2.861; Q2.
47. Stănescu, M.; Monciu, C. M.; Nițulescu, M.; Drăghici, C.; Doicin, I.; Lupașcu, G.; Lupu, A.; Aramă, C. C. Amino acids

based chiral ionic liquids for enantiomer separation by capillary electrophoresis. Farmacia 2017, 65, 46–55. IF: 1.507; Q4.
48. Nitulescu, G. M.; Iancu, G.; Nitulescu, G.; Iancu, R. C.; Bogdanici, C.; Vasile, D. Brave New Hope for Breast Cancer Aminopyrazole derivates between rational design and clinical efficacy. Rev. Chim. 2017, 68, 754–757. IF: 1.412; Q3.
49. Nitulescu, G.; Nicorescu, I. M.; Olaru, O. T.; Ungurianu, A.; Mihai, D. P.; Zanfirescu, A.; Nitulescu, G. M.; Margina, D. Molecular docking and screening studies of new natural sortase A inhibitors. Int. J. Mol. Sci. 2017, 18. IF: 3.687; Q2.
50. Zalaru, C.; Dumitrascu, F.; Draghici, C.; Tarcomnicu, I.; Tatia, R.; Moldovan, L.; Chifiriuc, M.-C.; Lazar, V.; Marinescu, M.; Nitulescu, M. G.; Ferbinteanu, M. Synthesis, spectroscopic characterization, DFT study and antimicrobial activity of novel alkylaminopyrazole derivatives. J. Mol. Struct. 2018, 1156, 12–21. IF: 2.12; Q3.
51. Velescu, B. Ş.; Anuţa, V.; Nițulescu, G. M.; Olaru, O. T.; Orțan, A.; Ionescu, D.; Ghica, M. V.; Drăgoi, C. M.; Pîrvu, C. E. D. Pharmaceutical assesment of romanian crops of anthriscus sylvestris (Apiaceae). Farmacia 2017, 65, 824–831. IF: 1.507; Q4.
52. Zanfirescu, A.; Cristea, A. N.; Nitulescu, G. M.; Velescu, B. S.; Gradinaru, D. Chronic monosodium glutamate administration induced hyperalgesia in mice. Nutrients 2018, 10. IF: 4.171; Q1.
53. Socea, L. I.; Barbuceanu, S. F.; Draghici, C.; Nitulescu, G. M.; Saramet, G.; Socea, B.; Apostol, T. V. New Heterocyclic Compounds from 1, 2, 4-triazoles and 1, 3, 4-Oxadiazoles Class Containing 5H-dibenzo[a,d][7]Annulene Moiety. Rev. Chim. 2017, 68, 2761–2764. IF: 1.412; Q3.
54. Stratan, E.; Ţurcan, N.; Crudu, V.; Romancenco, E.; Cotelea, T.; Niţulescu, G. M.; Chiriţă, C.; Moruşciag, L. Biological evaluation of new 2-phenethylbenzoyl thiourea derivatives as antituberculosis agents. Farmacia 2018, 66, 97–106. IF: 1.527; Q4.
55. Drăgoi, C. M.; Olaru, O. T.; Dinu, M.; Popescu, C.; Arsene, A. L.; Dune, A.; Nicolae, A. C.; Ancuceanu, R. V.; Zbârcea, C. E.; Negreș, S.; Nițulescu, G. M.; Șeremet, O. C. Characterisation, pharmacotoxicological and biochemical studies on Morus alba L. extract and its fractions. Farmacia 2018, 66, 120–128. IF: 1.527; Q4.
56. Seremet, O. C.; Olaru, O. T.; Gutu, C. M.; Nitulescu, G. M.; Ilie, M.; Negres, S.; Zbarcea, C. E.; Purdel, C. N.; Spandidos, D. A.; Tsatsakis, A. M.; Coleman, M. D.; Margina, D. M. Toxicity of plant extracts containing pyrrolizidine alkaloids using alternative invertebrate models. Mol. Med. Rep. 2018, 17, 7757–7763. IF: 1.851; Q3.
57. Barbuceanu, S. F.; Olaru, O. T.; Nitulescu, G. M.; Constantin Draghici, C.; Socea, L. I.; Barbuceanu, F.; Enache, C.; Saramet, G. Synthesis and structural characterization of some potential anti-virulence 1, 2, 4-Triazoles and 1, 3, 4-Thiadiazoles. Rev. Chim. 2018, 69, 2346–2350. IF: 1.605; Q3.
58. Gurgu, H.; Ștefănescu, E.; Nuță, D. C.; Căproiu, M. T.; Dumitraşcu, F.; Chifiriuc, M. C.; Bleotu, C.; Nițulescu, G. M.; Rădulescu, F. Ş.; Limban, C. N-(1-adamantylcarbamothioyl)benzamides: Synthesis, biological evaluation and adme predictions. Farmacia 2018, 66, 963–971. IF: 1.527; Q4.
59. Nitulescu, G. M.; Van De Venter, M.; Nitulescu, G.; Ungurianu, A.; Juzenas, P.; Peng, Q.; Olaru, O. T.; Gradinaru, D.; Tsatsakis, A.; Tsoukalas, D.; Spandidos, D. A.; Margina, D. The Akt pathway in oncology therapy and beyond (Review). Int. J. Oncol. 2018, 53, 2319–2331. IF: 3.571; Q2.
60. Seremet, O. C.; Olaru, O. T.; Ilie, M.; Gutu, C. M.; Nitulescu, M. G.; Diaconu, C.; Motofei, C.; Margine, D.; Negres, S.; Zbarcea, C. E.; Stefanescu, E. Determination of pyrrolizidine alkaloids in dietary sources using a spectrophotometric method. J. MIND Med. Sci. 2018, 5, 294–299. IF: 0; N/A.
61. Swanepoel, B.; Venables, L.; Olaru, O. T.; Nitulescu, G. M.; van de Venter, M. In Vitro Anti-proliferative Activity and Mechanism of Action of Anemone nemorosa. Int. J. Mol. Sci. 2019, 20. IF: 4.556; Q1.
62. Mihai, D. P.; Nitulescu, G. M.; Smith, J. L.; Hirsch, A. J.; Stecoza, C. E. Dengue virus replication inhibition by dibenzothiepin derivatives. Med. Chem. Res. 2019, 28, 320–328. IF: 1.738; Q4.
63. Ion, G. N. D.; Mihai, D. P.; Lupascu, G.; Nitulescu, G. M. Application of molecular framework-based data-mining method in the search for beta-secretase 1 inhibitors through drug repurposing. J. Biomol. Struct. Dyn. 2019, 37, 3674–3685. IF: 3.31; Q2.
64. Zanfirescu, A.; Ungurianu, A.; Tsatsakis, A. M.; Nițulescu, G. M.; Kouretas, D.; Veskoukis, A.; Tsoukalas, D.; Engin, A. B.; Aschner, M.; Margină, D. A Review of the Alleged Health Hazards of Monosodium Glutamate. Compr. Rev. Food Sci. Food Saf. 2019, 18, 1111–1134. IF: 9.912; Q1.
65. Olaru, O. T.; Zanfirescu, A.; Nitulescu, G. M.; Nitulescu, G.; Dinu-Pirvu, C. E.; Anuta, V.; Tsatsakis, A.; Spandidos, D. A.; Margina, D.; Seremet, O. C. Predictive power of the Triticum root elongation test for the assessment of novel anti-proliferative therapies. Int. J. Mol. Med. 2019, 44, 16–24. IF: 3.098; Q3.
66. Nitulescu, G. M.; Matei, L.; Aldea, I. M.; Draghici, C.; Olaru, O. T.; Bleotu, C. Ultrasound-assisted synthesis and anticancer evaluation of new pyrazole derivatives as cell cycle inhibitors. Arab. J. Chem. 2019, 12, 816–824. IF: 4.762; Q2.
67. Mihai, P. D.; Seremet, C. O.; Nitulescu, G.; Ivopol, M.; Sevastre, A.-S.; Negres, S.; Ivopol, G.; Nitulescu, G. M.; Olaru, T. O. Evaluation of Natural Extracts in Animal Models of Pain and Inflammation for a Potential Therapy of Hemorrhoidal Disease. Sci. Pharm. 2019, 87. IF: 0; N/A.

68. Ion, G. N. D.; Nitulescu, G. M.; Popescu, C. I. Targeting TRAIL. Bioorg. Med. Chem. Lett. 2019, 29, 2527–2534. IF: 2.572; Q2.
69. Nitulescu, G.; Mihai, D. P.; Nicorescu, I. M.; Olaru, O. T.; Ungurianu, A.; Zanfirescu, A.; Nitulescu, G. M.; Margina, D. Discovery of natural naphthoquinones as sortase A inhibitors and potential anti-infective solutions against Staphylococcus aureus. Drug Dev. Res. 2019, 80, 1136–1145. IF: 1.902; Q3.
70. Mihai, D. P.; Nitulescu, G. M.; Ion, G. N. D.; Ciotu, C. I.; Chirita, C.; Negres, S. Computational Drug Repurposing Algorithm Targeting TRPA1 Calcium Channel as a Potential Therapeutic Solution for Multiple Sclerosis. Pharmaceutics 2019, 11, 446. IF: 4.421; Q1.
71. Mușat MG, Nițulescu GM, Surleac M, Tsatsakis A, Spandidos DA and Margină D: HIV-1 integrase inhibitors targeting various DDE transposases: Retroviral integration versus RAG-mediated recombination (Review). Mol Med Rep 20: 4749–4762, 2019. IF: 2.1; Q3.
72. Swanepoel B, Nitulescu GM, Olaru OT, Venables L and van de Venter M: Anti-cancer activity of a 5-aminopyrazole derivative lead compound (BC-7) and potential synergistic cytotoxicity with cisplatin against human cervical cancer cells. Int J Mol Sci 20, 2019. IF: 4.556; Q1.
73. Ion, G. N. D.; Nitulescu, G. M. In Search of Outliers. Mining for Protein Kinase Inhibitors Based on Their Anti-Proliferative NCI-60 Cell Lines Profile. Molecules 2020, 25(8). IF: 4.411; Q2.
74. Zanfirescu, A.; Nitulescu, G.; Stancov, G.; Radulescu, D.; Trif, C.; Nitulescu, G. M.; Negres, S.; Olaru, O. T. Evaluation of Topical Anti-Inflammatory Effects of a Gel Formulation with Plantago Lanceolata, Achillea Millefolium, Aesculus Hippocastanum and Taxodium Distichum. Sci. Pharm. 2020, 88. IF: 0; N/A.
75. Nitulescu, G. M.; Paunescu, H.; Moschos, S. A.; Petrakis, D.; Nitulescu, G.; Ion, G. N. D.; Spandidos, D. A.; Nikolouzakis, T. K.; Drakoulis, N.; Tsatsakis, A. Comprehensive analysis of drugs to treat SARS-CoV-2 infection: Mechanistic insights into current COVID-19 therapies (Review). Int. J. Mol. Med. 2020, 46, 467–488. IF: 4.101; Q2.
76. Ion, G. N. D.; Olaru, O. T.; Nitulescu, G.; Olaru, I. I.; Tsatsakis, A.; Burykina, T. I.; Spandidos, D. A.; Nitulescu, G. M. Improving the odds of success in antitumoral drug development using scoring approaches towards heterocyclic scaffolds. Oncol. Rep. 2020, 44, 589–598. IF: 3.906; Q3.
77. Roșca, E. V.; Apostol, T. V.; Chifiriuc, M. C.; Pîrcălăbioru, G. G.; Drăghici, C.; Socea, L. I.; Olaru, O. T.; Nițulescu, G. M.; Pahonțu, E. M.; Hrubaru, M.; Bărbuceanu, Ș F. In silico and experimental studies for the development of novel oxazol-5(4h)-ones with pharmacological potential. Farmacia 2020, 68, 453–462. IF: 1.433; Q4.
78. Margină, D.; Ungurianu, A.; Purdel, C.; Nițulescu, G. M.; Tsoukalas, D.; Sarandi, E.; Thanasoula, M.; Burykina, T. I.; Tekos, F.; Buha, A.; Nikitovic, D.; Kouretas, D.; Tsatsakis, A. M. Analysis of the intricate effects of polyunsaturated fatty acids and polyphenols on inflammatory pathways in health and disease. Food Chem. Toxicol. 2020, 143. IF: 6.023; Q1.
79. Bărbuceanu, F; Roşca, E. V.; Apostol, T. V.; Şeremet, C. O.; Drăghici, C; Mihai, P. D.; Negreş, S.; Niţulescu, G. M.; Bărbuceanu, Ş. F. New 2-(4-(4-bromophenylsulfonyl)phenyl)-4-arylidene- oxazol-5(4H)-ones: analgesic activity and histopathological assessment. Rom. J. Morphol. Embryol. 2020, 61(2), 493–502. IF: 1.033; Q4.
80. Maciuca, A.-M.; Munteanu, A.-C.; Mihaila, M.; Badea, M.; Olar, R.; Nitulescu, G. M.; Munteanu, C. V. A.; Bostan, M.; Uivarosi, V. Rare-Earth Metal Complexes of the Antibacterial Drug Oxolinic Acid: Synthesis, Characterization, DNA/Protein Binding and Cytotoxicity Studies. MOLECULES 2020, 25. IF: 4.411; Q2.
81. Munteanu, A.-C.; Musat, M. G.; Mihaila, M.; Badea, M.; Olar, R.; Nitulescu, G. M.; Rădulescu, F. Ștefan; Brasoveanu, L. I.; Uivarosi, V. New heteroleptic lanthanide complexes as multimodal drugs: Cytotoxicity studies, apoptosis, cell cycle analysis, DNA interactions, and protein binding. Appl. Organomet. Chem. 2021, 35, e6062. IF: 4.072; Q1.
82. Balaci, T.; Velescu, B.; Karampelas, O.; Musuc, A. M.; Nițulescu, G. M.; Ozon, E. A.; Nițulescu, G.; Gîrd, C. E.; Fița, C.; Lupuliasa, D. Physico-Chemical and Pharmaco-Technical Characterization of Inclusion Complexes Formed by Rutoside with β-Cyclodextrin and Hydroxypropyl-β-Cyclodextrin Used to Develop Solid Dosage Forms. Processes 2021, 9, 26. IF: 3.352; Q3.
83. Nitulescu, G.; Margina, D.; Zanfirescu, A.; Olaru, O. T.; Nitulescu, G. M. Targeting bacterial sortases in search of anti-virulence therapies with low risk of resistance development. Pharmaceuticals 2021, 14. IF: 5.215; Q1.
84. Stecoza, C. E.; Nitulescu, G. M.; Draghici, C.; Caproiu, M. T.; Olaru, O. T.; Bostan, M.; Mihaila, M. Synthesis and anticancer evaluation of new 1, 3, 4-oxadiazole derivatives. Pharmaceuticals 2021, 14. IF: 5.215; Q1.
85. Musuc, A. M.; Anuta, V.; Atkinson, I.; Sarbu, I.; Popa, V. T.; Munteanu, C.; Mircioiu, C.; Ozon, E. A.; Nitulescu, G. M.; Mitu, M. A. Formulation of chewable tablets containing carbamazepine-β-cyclodextrin inclusion complex and f-melt disintegration excipient. The mathematical modeling of the release kinetics of carbamazepine. Pharmaceutics 2021, 13, 915. IF: 6.525; Q1.
86. Mihai, D. P.; Ungurianu, A.; Ciotu, C. I.; Fischer, M. J. M.; Olaru, O. T.; Nitulescu, G. M.; Andrei, C.; Zbarcea, C. E.; Zanfirescu, A.; Seremet, O. C.; Chirita, C.; Negres, S. Effects of venlafaxine, risperidone and febuxostat on cuprizone-induced demyelination, behavioral deficits and oxidative stress. Int. J. Mol. Sci. 2021, 22. IF: 6.208; Q1.

87. Apostol, T. V.; Marutescu, L. G.; Draghici, C.; Socea, L. I.; Olaru, O. T.; Nitulescu, G. M.; Pahontu, E. M.; Saramet, G.; Enache-Preoteasa, C.; Barbuceanu, S. F. Synthesis and Biological Evaluation of New N-Acyl-alpha-amino Ketones and 1, 3-Oxazoles Derivatives. MOLECULES 2021, 26. IF: 4.927; Q2.
88. Apostol, T. V.; Chifiriuc, M. C.; Draghici, C.; Socea, L. I.; Marutescu, L. G.; Olaru, O. T.; Nitulescu, G. M.; Pahontu, E. M.; Saramet, G.; Barbuceanu, S. F. Synthesis, In Silico and In Vitro Evaluation of Antimicrobial and Toxicity Features of New 4-[(4-Chlorophenyl)sulfonyl]benzoic Acid Derivatives. MOLECULES 2021, 26. IF: 4.927; Q2.
89. Zanfirescu, A.; Ungurianu, A.; Mihai, D. P.; Radulescu, D.; Nitulescu, G. M. Targeting monoacylglycerol lipase in pursuit of therapies for neurological and neurodegenerative diseases. Molecules 2021, 26. IF: 4.927; Q2.
90. Volynets, G.; Vyshniakova, H.; Nitulescu, G.; Nitulescu, G. M.; Ungurianu, A.; Margina, D.; Moshynets, O.; Bdzhola, V.; Koleiev, I.; Iungin, O.; Tarnavskiy, S.; Yarmoluk, S. Identification of novel antistaphylococcal hit compounds targeting sortase a. Molecules 2021, 26. IF: 4.927; Q2.
91. Ivan, B.-C.; Dumitrascu, F.; Anghel, A. I.; Ancuceanu, R. V.; Shova, S.; Dumitrescu, D.; Draghici, C.; Olaru, O. T.; Nitulescu, G. M.; Dinu, M.; Barbuceanu, S.-F. Synthesis and Toxicity Evaluation of New Pyrroles Obtained by the Reaction of Activated Alkynes with 1-Methyl-3-(cyanomethyl)benzimidazolium Bromide. Molecules 2021, 26. IF: 4.927; Q2.
92. Nitulescu, G.; Nitulescu, G. M.; Zanfirescu, A.; Mihai, D. P.; Gradinaru, D. Candidates for Repurposing as Anti-Virulence Agents Based on the Structural Profile Analysis of Microbial Collagenase Inhibitors. Pharmaceutics 2022, 14. IF: 6.32; Q1.
93. Zanfirescu, A.; Nitulescu, G.; Mihai, D. P.; Nitulescu, G. M. Identifying FAAH Inhibitors as New Therapeutic Options for the Treatment of Chronic Pain through Drug Repurposing. Pharmaceuticals 2022, 15. IF: 5.863; Q1.
94. Mititelu, M.; Moroșan, E.; Nicoară, A. C.; Secăreanu, A. A.; Musuc, A. M.; Atkinson, I.; Cusu, J. P.; Nițulescu, G. M.; Ozon, E. A.; Sarbu, I.; Balaci, T. D. Development of Immediate Release Tablets Containing Calcium Lactate Synthetized from Black Sea Mussel Shells. Mar. Drugs 2022, 20. IF: 5.118; Q1.
95. Nitulescu, G. M. Quantitative and Qualitative Analysis of the Anti-Proliferative Potential of the Pyrazole Scaffold in the Design of Anticancer Agents. MOLECULES 2022, 27. IF: 4.927; Q2.
96. Apostol, T. V.; Chifiriuc, M. C.; Nitulescu, G. M.; Olaru, O. T.; Barbuceanu, S. F.; Socea, L. I.; Pahontu, E. M.; Karmezan, C. M.; Marutescu, L. G. In Silico and In Vitro Assessment of Antimicrobial and Antibiofilm Activity of Some 1, 3-Oxazole-Based Compounds and Their Isosteric Analogues. Appl. Sci. 2022, 12. IF: 2.838; Q2.
97. Costea, L.; Chitescu, C. L.; Boscencu, R.; Ghica, M.; Lupuliasa, D.; Mihai, D. P.; Deculescu-Ionita, T.; Dutu, L. E.; Popescu, M. L.; Luta, E. A.; Nitulescu, G. M.; Olaru, O. T.; Gird, C. E. The Polyphenolic Profile and Antioxidant Activity of Five Vegetal Extracts with Hepatoprotective Potential. PLANTS 2022, 11. IF: 4.658; Q1.
98. Ivan, B. C.; Barbuceanu, S. F.; Hotnog, C. M.; Anghel, A. I.; Ancuceanu, R. V.; Mihaila, M. A.; Brasoveanu, L. I.; Shova, S.; Draghici, C.; Olaru, O. T.; Nitulescu, G. M.; Dinu, M.; Dumitrascu, F. New Pyrrole Derivatives as Promising Biological Agents: Design, Synthesis, Characterization, In Silico, and Cytotoxicity Evaluation. Int. J. Mol. Sci. 2022, 23. IF: 6.208; Q1.
99. Zalaru, C.; Dumitrascu, F.; Draghici, C.; Tarcomnicu, I.; Marinescu, M.; Nitulescu, G. M.; Tatia, R.; Moldovan, L.; Popa, M.; Chifiriuc, M. C. New Pyrazolo-Benzimidazole Mannich Bases with Antimicrobial and Antibiofilm Activities. Antibiotics 2022, 11. IF: 5.222; Q1.
100. Maciuca, A. M.; Munteanu, A. C.; Mihaila, M.; Badea, M.; Olar, R.; Nitulescu, G. M.; Munteanu, C. V. A.; Uivarosi, V. A Study on Repositioning Nalidixic Acid via Lanthanide Complexation: Synthesis, Characterization, Cytotoxicity and DNA/Protein Binding Studies. PHARMACEUTICALS 2022, 15. IF: 5.215; Q1.
101. Luta, E. A.; Bita, A.; Morosan, A.; Mihaiescu, D. E.; Ghica, M.; Mihai, D. P.; Olaru, O. T.; Deculescu-Ionitaa, T.; Dutu, L. E.; Popescu, M. L.; Costea, L.; Nitulescu, G. M.; Lupuliasa, D.; Boscencu, R.; Gird, C. E. The Influence of Phytosociological Cultivation and Fertilization on Polyphenolic Content of Menthae and Melissae folium and Evaluation of Antioxidant Properties through In Vitro and In Silico Methods. PLANTS 2022, 11. IF: 4.658; Q1.
102. Apostol, T. V.; Chifiriuc, M. C.; Socea, L. I.; Draghici, C.; Olaru, O. T.; Nitulescu, G. M.; Visan, D. C.; Marutescu, L. G.; Pahontu, E. M.; Saramet, G.; Barbuceanu, S. F. Synthesis, Characterization, and Biological Evaluation of Novel N-{4-[(4-Bromophenyl)sulfonyl]benzoyl}-L-valine Derivatives. PROCESSES 2022, 10. IF: 3.352; Q2.
103. Celebi, D.; Taghizadehghalehjoughi, A.; Baser, S.; Genc, S.; Yilmaz, A.; Yeni, Y.; Yesilyurt, F.; Yildirim, S.; Bolat, I.; Kordali, S.; Yilmaz, F.; Hacimuftuoglu, A.; Celebi, O.; Margina, D.; Nitulescu, G. M.; Spandidos, D. A.; Tsatsakis, A. Effects of boric acid and potassium metaborate on cytokine levels and redox stress parameters in a wound model infected with methicillin-resistant Staphylococcus aureus. Mol. Med. Rep. 2022, 26, 294. IF: 3.423; Q3.
104. Socea, L.-I.; Barbuceanu, S.-F.; Pahontu, E. M.; Dumitru, A.-C.; Nitulescu, G. M.; Sfetea, R. C.; Apostol, T.-V. Acylhydrazones and Their Biological Activity: A Review. Molecules 2022, 27. IF: 4.927; Q2.
105. Andrei, C.; Mihai, D. P.; Zanfirescu, A.; Nitulescu, G. M.; Negres, S. In Silico Drug Repurposing Framework Predicts Repaglinide, Agomelatine and Protokylol as TRPV1 Modulators with Analgesic Activity. Pharmaceutics 2022, 14. IF: 6.525; Q1.
106. Nitulescu, G.; Mihai, D. P.; Zanfirescu, A.; Stan, M. S.; Gradinaru, D.; Nitulescu, G. M. Discovery of New Microbial

Collagenase Inhibitors. Life 2022, 12. IF: 3.253; Q2.
107. Andrei, C.; Zanfirescu, A.; Nițulescu, G. M.; Olaru, O. T.; Negreș, S. Natural Active Ingredients and TRPV1 Modulation: Focus on Key Chemical Moieties Involved in Ligand-Target Interaction. Plants 2023, 12. IF: 4.6; Q1.
108. Barbuceanu, S.-F.; Rosca, E.-V.; Apostol, T.-V.; Socea, L.-I.; Draghici, C.; Farcasanu, I. C.; Ruta, L. L.; Nitulescu, G. M.; Iscrulescu, L.; Pahontu, E.-M.; Boscencu, R.; Saramet, G.; Olaru, O. T. New Heterocyclic Compounds from Oxazol-5(4H)-one and 1, 2, 4-Triazin-6(5H)-one Classes: Synthesis, Characterization and Toxicity Evaluation. Molecules 2023, 28. IF: 4.6; Q2.
109. Nitulescu, G. M.; Stancov, G.; Seremet, O. C.; Nitulescu, G.; Mihai, D. P.; Duta-Bratu, C. G.; Barbuceanu, S. F.; Olaru, O. T. The Importance of the Pyrazole Scaffold in the Design of Protein Kinases Inhibitors as Targeted Anticancer Therapies. Molecules 2023, 28. IF: 4.6; Q2.
110. Ivan, B.-C.; Barbuceanu, S.-F.; Hotnog, C. M.; Olaru, O. T.; Anghel, A. I.; Ancuceanu, R. V.; Mihaila, M. A.; Brasoveanu, L. I.; Shova, S.; Draghici, C.; Nitulescu, G. M.; Dumitrascu, F. Synthesis, Characterization and Cytotoxic Evaluation of New Pyrrolo[1, 2-b]pyridazines Obtained via Mesoionic Oxazolo-Pyridazinones. Int. J. Mol. Sci. 2023, 24. IF: 5.6; Q1.
111. Ion, G. N.; Nitulescu, G. M.; Mihai, D. P. A PIM-1 Kinase Inhibitor Docking Optimization Study Based on Logistic Regression Models and Interaction Analysis. Life 2023, 13. IF: 3.2; Q2.
112. Nitulescu, G.; Lupuliasa, D.; Adam-Dima, I.; Nitulescu, G. M. Ultraviolet Filters for Cosmetic Applications. Cosmetics 2023, 10. IF: 3.3; Q2.
113. Duta-Bratu, C.-G.; Nitulescu, G. M.; Mihai, D. P.; Olaru, O. T. Resveratrol and Other Natural Oligomeric Stilbenoid Compounds and Their Therapeutic Applications. Plants 2023, 12. IF: 4.5; Q1.
114. Andrei, C.; Mihai, D. P.; Nitulescu, G.; Ungurianu, A.; Margina, D. M.; Nitulescu, G. M.; Olaru, O. T.; Busca, R. M.; Zanfirescu, A. Cetirizine and Levetiracetam as Inhibitors of Monoacylglycerol Lipase: Investigating Their Repurposing Potential as Novel Osteoarthritic Pain Therapies. PHARMACEUTICALS 2023, 16. IF: 4.6; Q2.
115. Stecoza, C. E.; Nitulescu, G. M.; Draghici, C.; Caproiu, M. T.; Hanganu, A.; Olaru, O. T.; Mihai, D. P.; Bostan, M.; Mihaila, M. Synthesis of 1, 3, 4-Thiadiazole Derivatives and Their Anticancer Evaluation. Int. J. Mol. Sci. 2023, 24. IF: 5.6; Q1.
116. Sevim, C.; Taghizadehghalehjoughi, A.; Kara, M.; Nosyrev, A. E.; Nițulescu, G. M.; Margină, D.; Tsatsakis, A. Investigation of the effects of metformin on the MIR-21/PTEN/AKT pathway in HT-29 human colorectal adenocarcinoma cell and HUVEC co-culture, Farmacia 2024, 72, 60–65. IF: 1.4; Q4.
117. Ivan, I. M.; Popovici, V.; Chițescu, C. L.; Popescu, L.; Luță, E. A.; Ilie, E. I.; Brașoveanu, L. I.; Hotnog, C. M.; Olaru, O. T.; Nițulescu, G. M.; et al. Phytochemical Profile, Antioxidant and Cytotoxic Potential of Capsicum Annuum (L.) Dry Hydro-Ethanolic Extract. Pharmaceutics 2024, 16. IF: 4.9; Q1.
118. Ivan, I. M.; Olaru, O. T.; Popovici, V.; Chițescu, C. L.; Popescu, L.; Luță, E. A.; Ilie, E. I.; Brașoveanu, L. I.; Hotnog, C. M.; Nițulescu, G. M.; et al. Antioxidant and Cytotoxic Properties of Berberis Vulgaris (L.) Stem Bark Dry Extract. Molecules 2024, 29. IF: 4.2; Q2.
119. Ionus, E.; Schröder, V.; Chiţescu, C. L.; Bucur, L. A.; Lupu, C. E.; Dumitrescu, D.-E.; Popescu, L.; Mihai, D. P.; Olaru, O. T.; Nițulescu, G. M.; et al. Phytochemical, In Vitro, In Vivo, and In Silico Research on the Extract of Ajuga chamaepitys (L.) Schreb. Plants 2024, 13, 1192. IF: 4; Q1.
120. Olaru, O. T.; Nitulescu, G. M.; Codreanu, A. M.; Calmuc, V.-A.; Venables, L.; van de Venter, M.; Gird, C. E.; Duta-Bratu, C.-G.; Nitulescu, G. Inhibitory Effects on Staphylococcus aureus Sortase A by Aesculus sp. Extracts and Their Toxicity Evaluation. Plants 2024, 13, 1405. IF: 4; Q1.
121. Zalaru, C.; Dumitrascu, F.; Draghici, C.; Ferbinteanu, M.; Tarcomnicu, I.; Marinescu, M.; Moldovan, Z.; Nitulescu, G. M.; Tatia, R.; Popa, M. Synthesis, Spectroscopic Characterization, Structural Analysis, and Evaluation of Anti-Tumor, Antimicrobial, and Antibiofilm Activities of Halogenoaminopyrazoles Derivatives. Antibiotics 2024, 13, 1119. IF: 4.3; Q1.
122. Andrei, C.; Nitulescu, G. M.; Nitulescu, G.; Zanfirescu, A. Cannabidiol Supplements in Romania: Bridging the Gap Between Marketed Claims and Clinical Reality. Pharmacy 2024, 12, 176. IF: 2; Q3.
123. Radulian, I. L.; Nitulescu, G.; Zanfirescu, A.; Nitulescu, G. M. Statistical and Clustering Analysis of Safety Profiles of FDA-Approved Protein Kinase Inhibitors. Appl. Sci. 2024, 14, 11757. IF: 2.5; Q1.
124. Andrei, C.; Mihai, D. P.; Nitulescu, G. M.; Nitulescu, G.; Zanfirescu, A. Modulating Autophagy in Osteoarthritis: Exploring Emerging Therapeutic Drug Targets. Int. J. Mol. Sci. 2024, 25, 13695. IF: 4.9; Q1.
125. Ion, G. N. D.; Nitulescu, G. M.; Mihai, D. P. Machine Learning-Assisted Drug Repurposing Framework for Discovery of Aurora Kinase B Inhibitors. Pharmaceuticals 2025, 18, 13. IF: 4.8; Q1.
126. Mihai, D. P.; Nitulescu, G. M. Computer-Aided Drug Design and Drug Discovery. Pharmaceuticals 2025, 18, 436. IF: 4.8; Q1.
127. Radulian, I. L.; Nitulescu, G.; Zanfirescu, A.; Nitulescu, G. M. Comparative Analysis of Adverse Effects: Protein Kinase Inhibitors Versus Traditional Anticancer Therapies. Sci. Pharm. 2025, 93. IF: 2.5; Q2.

128. Olaru, I. I.; Mihai, D. P.; Olaru, O. T.; Gird, C. E.; Zanfirescu, A.; Stancov, G.; Andrei, C.; Luta, E.-A.; Nitulescu, G. M. Comparative Toxicological Evaluation of Solubilizers and Hydrotropic Agents Using Daphnia Magna as a Model Organism. Environ. - MDPI 2025, 12. IF: 3.7; Q2.
129. Olaru, I. I.; Olaru, O. T.; Mihai, D. P.; Gird, C. E.; Zanfirescu, A.; Boscencu, R.; Luta, E.-A.; Andrei, C.; Nitulescu, G. M. A Dual Bioassay for Evaluation of Embryotoxicity and Acute Toxicity of Common Solvents and Surfactants in Artemia salina. Toxics 2025, 13, 442. IF: 4.1; Q1.
130. Nitulescu, G.; Olaru, O. T.; Andrei, C.; Nitulescu, G. M.; Zanfirescu, A. Targeting Intracellular Pathways in Atopic Dermatitis with Small Molecule Therapeutics. Curr. Issues Mol. Biol. 2025, 47, 659. IF: 3; Q3.
131. Andrei, C.; Pușcașu, C.; Nitulescu, G. M.; Zanfirescu, A. Modulation of Toll-like Receptors with Natural Compounds: A Therapeutic Avenue Against Inflammaging? Int. J. Mol. Sci. 2025, 26, 11305. IF: 4.9; Q1.
132. Zalaru, C.; Dumitrascu, F.; Draghici, C.; Ferbinteanu, M.; Tarcomnicu, I.; Marinescu, M.; Moldovan, Z.; Nitulescu, G. M.; Tatia, R.; Popa, M. Design, Synthesis, Spectral, Structural Analysis, and Biological Evaluation of Novel Pyrazole Derivatives as Anti-Tumor, Antimicrobial, and Anti-Biofilm Agents. Antibiotics 2026, 15, 127. IF (2025): 5.5; Q1.
133. Dan, M. A.; Cioancă, O.; Popovici, V.; Musuc, A. M.; Nițulescu, G. M.; Anastasescu, M.; Ozon, E. A.; Marinas, I. C.; Guțu, C. M.; Baconi, D. L.; et al. Phytochemical Screening and Physicochemical Properties of Oil Extract of Usnea barbata L. F.H.Wigg from Călimani Mountains, Romania. Int. J. Mol. Sci. 2026, 27, 1903. IF (2025): 5.6; Q1.
134. Barbuceanu, S. F.; Rosca, E. V.; Socea, L. I.; Ruta, L. L.; Carlan, A.; Farcasanu, I. C.; Draghici, C.; Nitulescu, G. M.; Pahontu, E. M.; Boscencu, R.; et al. Synthesis, Characterization and Toxicity Evaluation of Some New Heterocyclic Compounds from Oxazole and 1,2,4-Triazine Classes. Molecules 2026, 31, 1580. IF (2025): 5.1; Q2.
135. Dan, M. A.; Ozon, E. A.; Margina, D.; Nedea, M. I.; Gutu, C. M.; Ungurianu, A.; Nitulescu, G. M.; Popovici, V.; Musuc, A. M.; Bratan, V.; et al. Physicochemical and In Vitro Biological Characterization of Usnea barbata Extract in Karanja Oil for Potential Applications in Skincare. Cosmetics 2026, 13, 174. IF (2025): 4.1; Q1.
136. Pasitoniu, A. M.; Nitulescu, G.; Gird, C. E.; Duta-Bratu, C.-G.; Calmuc, V.-A.; Milea, S.-A.; Nitulescu, G. M.; Luta, E.-A.; Lupuliasa, D.; Andrei, C.; et al. Development of Photoprotective Cosmetic Formulations Containing Salix × Fragilis Extracts: Phytochemical Characterization, Biological Activity, and In Vitro SPF Evaluation. Appl. Sci. 2026, 16, 8576. IF (2025): 2.9; Q2.
137. Mihai, D. P.; Cornet, C.; Ion, G. N. D.; Nitulescu, G.; Olaru, O. T.; Zanfirescu, A.; Kara, M.; Öztaş, E.; Nitulescu, G. M. Computational Identification of GABA-A Receptor Ligands Targeting the Histamine Allosteric Pocket. Curr. Issues Mol. Biol. 2026, 48, 1078. IF: 4.1, Q2.
138. Ion, G. N. D.; Duta-Bratu, C. G.; Mihai, D. P.; Nitulescu, G. M. Targeting PAK1 Within Group I PAKs: Current Challenges and Pharmacological Perspectives. Pharmaceuticals 2026, 19, 1628. IF: 5.7, Q1.
139. Pașitoniu, A. M.; Nițulescu, G.; Gîrd, C. E.; Karampelas, O.; Nițulescu, G. M.; Lupuliasa, D.; Olaru, O. T. Development and Characterization of Oil-in-Water Photoprotective Cosmetic Formulations Containing Veronica (Plantaginaceae) Extracts. Farmacia 2026, 74(4), 1076–1089. IF: 1.6, Q4.
140. Pașitoniu, A. M.; Cornet, C.; Gîrd, C. E.; Nițulescu, G.; Duță-Bratu, C. G.; Lupuliasa, D.; Nițulescu, G. M.; Olaru, O. T. Comparative Toxicological Evaluation of Veronica and Salix Extracts Using Daphnia pulex and Heterocypris incongruens. Farmacia 2026, 74(5), 1204–1213. IF: 1.6, Q4.